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In re Takashi SAITOH

Group Art Unit: Not Yet Assigned

Application No.: 10/532,685

Examiner: Not Yet Assigned

Filed: April 26, 2005

Attorney Docket No.: 7412/84326

Confirmation No.: 4377

Customer No.: 42798

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO/SB/08 are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form PTO/SB/08, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form PTO/SB/08 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- (X) **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set

forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- () **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
 - () the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
 - or*
 - () the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- () **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- () **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copies of the References

- (X) Copies of the references listed on the enclosed Form SB/08 are enclosed herewith.
- () A copy of the International Search Report is enclosed herewith.
- () A copy of the Supplementary European Search Report is enclosed herewith.
- () The references listed on the enclosed Form PTO/SB/08 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing

date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Statement under 37 CFR 1.97(e)

- () The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- () The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

- () The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

- (X) **No fee** is owed by the applicant(s).
- () The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

- () Attached is a check in the amount of \$180.00.

- ☐ Charge Deposit Account No. 06-1135, under Order No., in the amount of \$0.00. (A duplicate copy of this communication is enclosed for that purpose.)

Authorization to Charge Additional Fees

- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 06-1135. (A duplicate copy of this communication is enclosed for that purpose.)

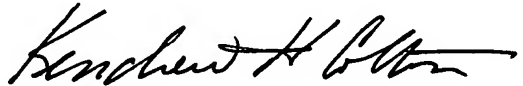
Instructions as to Overpayment

- ☒ Credit Account No. 06-1135.
☐ Refund

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

Date: **December 14, 2005**


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Registration No. 30,368

OFFICIAL CORRESPONDENCE TO
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	3	Application Number	10/532,685
				Filing Date	April 26, 2005
				First Named Inventor	Takashi SAITOH
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket	7412/84326

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ²	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,891,968	04-06-1999	Wudl et al.	
		US-5,863,981	01-26-1999	Wudl et al.	
		US-5,569,708	10-29-1996	Wudl et al.	
		US-4,937,060	06-26-1990	Kathirgamanathan et al.	
		US-4,956,441	09-11-1990	Kathirgamanathan et al.	
		US-5,256,454	10-26-1993	Murai et al.	
		US-5,437,893	08-01-1995	Murai et al.	
		US-5,589,270	12-31-1996	Murai et al.	
		US-5,354,816	10-11-1994	Shimizu et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

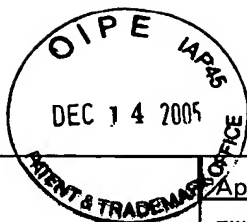
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP 61-197633 A	09-01-1986	Nitto Electric Ind Co	Abstract	
		JP 63-039916 A	02-20-1988	Showa Denko KK	Abstract	
		JP 1-301714 A	12-05-1989	Cookson Group PLC	Abstract	
		JP 5-504153 A	07-01-1993			
		WO 91/05979 A	05-02-1991	The Ohio St Univ Res		
		JP 5-503953 A	06-24-1993			
		WO 91/06887 A	05-16-1991	The Ohio St Univ Res		
		JP 4-32848 A	02-04-1992			
		JP 4-328181 A	11-17-1992	Showa Denko KK	Abstract	
		JP 6-145386 A	05-24-1994	Showa Denko KK	Abstract	
		JP 6-056987 A	03-01-1994	Bridgestone Corp	Abstract	
		JP 5-226238 A	09-03-1993	Int'l Bus Mach Corp	Abstract	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

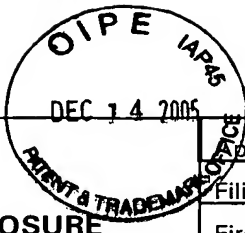


PTO/SB/08a Substitute for Form 1449A/PTO		Application Number		10/532,685		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date		April 26, 2005		
		First Named Inventor		Takashi SAITOH		
		Art Unit		Not Yet Assigned		
		Examiner Name		Not Yet Assigned		
Sheet	2	of	3	Attorney Docket	7412/84326	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ²	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US-				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0540448 A1	05-05-1993	IBM (US)	Abstract	
		JP 5-178989 A	07-20-1993			
		JP 6-293828 A	10-21-1994	Nitto Chem Ind Co Ltd	Abstract	
		JP 7-118524 A	05-09-1995	Nitto Chem Ind Co Ltd	Abstract	
		JP 6-032845 A	02-08-1994	Showa Denko KK	Abstract	
		JP 6-087949 A	03-29-1994	Showa Denko KK	Abstract	
		JP 6-256516 A	09-13-1994	Showa Denko KK	Abstract	
		JP 7-041756 A	02-10-1995	Showa Denko KK	Abstract	
		JP 7-048436 A	02-21-1995	Showa Denko KK	Abstract	
		JP 4-268331 A	09-24-1992	Fuji Xerox Co Ltd	Abstract	
		JP 9-059376 A	03-04-1997	Nitto Chem Ind Co Ltd	Abstract	
		JP 2000-191774 A	07-11-2000	Nippon Shokubai Co	Abstract	
		JP 6-049183 A	02-22-1994	Showa Denko KK	Abstract	
		JP 10-060108 A	03-03-1998	Nippon Shokubai Co Ltd	Abstract	
		JP 2001-261680 A	09-26-2001	Inst of Phys & Chem	Abstract	
		JP 7-196791 A	08-01-1995	Nitto Chem Ind Co Ltd	Abstract	
		JP 7-324132 A	12-12-1995	Nitto Chem Ind Co Ltd	Abstract	
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08a Substitute for Form 1449A/PTO		Application Number 10/532,685			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date April 26, 2005			
		First Named Inventor Takashi SAITOH			
		Art Unit Not Yet Assigned			
		Examiner Name Not Yet Assigned			
Sheet	3	of	3	Attorney Docket	7412/84326
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		Sumio IJIMA, "Helical microtubules of graphitic carbon," Nature, Vol. 354, p. 56, (Nov 7 1991)			
		LIU et al., "Fullerene Pipes," Science, Vol 280, p. 1253 (May 22, 1998)			
		CHEN et al., "Solution properties of single-walled carbon nanotubes," Science, Vol 282, p. 95 (Oct 2, 1998)			
		NAKASHIMA et al., "Water-soluble single-walled carbon nanotubes via noncovalent sidewall-functionalization with a pyrene-carrying ammonium ion," Chemistry Letters p. 638 (2002)			
Examiner Signature				Date Considered	

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